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File: DWPI

Oct 28, 1994

DERWENT-ACC-NO: 1994-343637  
DERWENT-WEEK: 199443  
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TITLE: Screw for fixing supple transplants in bone tunnels - has large thread pitch of constant diameter with rounded edges, head with recess for key and outer notches for bone growth

INVENTOR: HUBLIN, C

PATENT-ASSIGNEE:

ASSIGNEE

CODE

HUBLIN C

HUBLI

PRIORITY-DATA: 1992FR-0013105 (November 2, 1992)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
FR 2704140 A3	October 28, 1994		006	A61F002/08

APPLICATION-DATA:

PUB-NO	APPL-DATE	APPL-NO	DESCRIPTOR
FR 2704140A3	November 2, 1992	1992FR-0013105	

INT-CL (IPC): A61F 2/08

ABSTRACTED-PUB-NO: FR 2704140A  
BASIC-ABSTRACT:

The screw is cylindrical and of constant diameter, with a large pitch threaded which has rounded edges. The upper end of the core of the screw increases progressively in section to ensure that the transplant is wedged against the cortical aperture of the bone tunnel. The head has a central hexagonal recess for a key and outer notches (6) for the bone to engage with and provide additional fixing.

The screw also has a channel (4) through it for a pin.

USE/ADVANTAGE - Screw for fixing supple transplants, e.g. ligaments, in bone tunnels. Easier to fit, requiring a smaller incision, ensuring direct anchoring of the transplant.

CHOSEN-DRAWING: Dwg.2/3

TITLE-TERMS: SCREW FIX SUPPLE TRANSPLANT BONE TUNNEL THREAD PITCH CONSTANT DIAMETER  
ROUND EDGE HEAD RECESS KEY OUTER NOTCH BONE GROWTH

DERWENT-CLASS: P32

SECONDARY-ACC-NO:

Non-CPI Secondary Accession Numbers: N1994-269649